

Report of Survey for Repairs, &c., of Engines and Boilers.

Date of writing Report Oct 15th 1897 When handed in at Local Office 15.10.97 (Received at London Office SAT. 16 OCT 1897)

No. in Book 332 Survey held at West Hartlepool Date, First Survey July 8th Last Survey Oct. 15th 1897

on the Machinery of the Wood, Iron or Steel S.S. Winston (Sunk 4.97) Master ✓

Gross Tonnage 1190 Net 743 Vessel built at W. Hartlepool By whom H. Gray & Co. (Ld) When 1876 MONTH 9

Engines made at Hartlepool When 1876 Boilers, when made (Main) 1894 (Donkey) 1894

Owners R. Jobson & Co Port W. Hartlepool Voyage ✓

Surveyed Afloat or in Dry Dock Central dry dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER.	Years Assigned or expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<input checked="" type="checkbox"/> for Special Survey. <input type="checkbox"/> Date of last Survey and of Periodical Surveys.	<u>1.97</u>	<u>S.S. Ham 2nd No 3-5, 95</u>

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No

Did the Surveyor go inside each Donkey Boiler separately and make a thorough examination at this time? No

Why was this not done, state for what reasons? New main + donkey boilers now fitted

What parts of the Boilers could not be thus thoroughly examined? ✓

What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes

What pressure were they afterwards adjusted under steam? 95 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes

What pressure were they afterwards adjusted? 80 lbs

Has the propeller shaft been drawn and examined at this time? Yes

If the Survey is not complete state what arrangements have been made for its completion? complete

Vessel stated to have sunk after collision in the River Thames in April 1897, having its class withdrawn, now lifted + repaired, view to reclassing.

Vessel placed in dry dock, propeller shaft drawn exam. & found in good condition. New work in lower half of stern bush. All sea cocks + valves, fastenings of sea connections + propeller in good order.

The main steam pipes have had their flanges re-riveted, annealed, afterwards tested by hyd. pressure to 200 lbs per sq. in. & found tight.

The whole of the Machinery has been cleaned + overhauled.

Examined Cylinders, pistons, slide valves, crank, thrust + tunnel shafting condense + all pumps, found all in good condition.

New liner has been fitted in H.P. Cylinder, dia. reduced to 27 1/4".

Piston turned to suit, with new rings. Dia of crank 9 1/2" + tail shaft 9 1/2".

Water tight door in engine room repaired. Dia. of tunnel shaft 9" see Survey 18.10.97

New Main + Donkey boilers have now been fitted see attached Report.

General Observations, Opinion, and Recommendation:— The Machinery + Boilers of this vessel are now in good condition and eligible, in my opinion, to have the Machinery class restored with record L.M.C. 10, 97. also N.B. 10, 97.

D. 13.97. and reduced dia of H.P. Cylinder 27 1/4" marked in the Register Book.

Registration Fee (per Sec. 27) £ : : Fees applied for 15.10.18 97

Fee (per Section 28) £ 4 : : 10/10/97

Damage Fee (per Section 28) £ : : 8 : : 10/10/97

Expenses (if chargeable) £ 3 : 12 : : 10/10/97

Certificate required ✓ Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES. 19 OCT 1897 Signed S. Mc 10, 97 + N.B. 10, 97



Screw shaft examined & engines thoroughly overhauled,
main & donkey boilers renewed.

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

It is submitted that
this vessel is eligible for
THE RECORD. L. M. C. 10. 97. + N. B. 1097. N. D. 97.

Dia of H. P. cylinder $27\frac{1}{4}$ "
Working pressure of main boiler 93 lbs.
" " " donkey boiler 80 lbs.

J.S.
19. 10. 97

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



© 2020
Lloyd's Register
Foundation